

## IN THE CLAIMS

Claims 1-10 (canceled)

11. (currently amended) ~~Granulated~~ A granulated gas charge ~~charges having combustion vapors that are free of nitrogen oxide and are deficient in carbon monoxide~~, comprising

- a) ~~5~~ from 1 to 50% by weight of a at least one binding agent;
- b) ~~oxidizing agents in a quantity of~~ from 1 to 90% by weight of an at least one oxidizing agent; and
- c) ~~0~~ from 1 to 75% by weight of a at least one nitrogen free organic fuel, wherein, upon combustion, said gas charge is nitrogen free and has combustion vapors that are free of nitrogen oxide and are deficient in carbon monoxide.

12. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the ~~binding agent is~~ at least one binding agent ~~binder~~ selected from the group consisting of cellulose acetate, cellulose acetobutyrate, cellulose triacetate, nitrocellulose and polyvinyl butyral.

13. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the ~~oxidizing agent is~~ at least one oxidizing agent is selected from the group consisting of from alkali perchlorates, alkaline earth metal perchlorates, zinc peroxide, iron oxides, cerium dioxide, copper oxide, manganese dioxide and permanganates.

14. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the at least one oxidizing agent is potassium perchlorate.

15. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the at least one organic fuel is ~~fuels are~~ acids selected from the group consisting of terephthalic acid, fumaric acid and ascorbic acid.

16. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the gas charges further comprise at least one aggregate.

17. (currently amended) ~~Gas charges~~ A gas charge according to claim 16, wherein said aggregate is a combustion moderator.

18. (currently amended) ~~Gas charges~~ A gas charge according to claim 16, wherein the aggregate is selected from the group consisting of aluminum oxide, zinc oxide, alkali metal silicates, alkaline earth metal silicates, mineral clays, cement, gypsum, alkali metal carbonates, alkaline earth metal carbonates, alkali metal oxalates, alkaline earth metal oxalates, and oxalic acid.

19. (currently amended) ~~Gas charges~~ A gas charge according to claim 11, wherein the gas charges further comprise a coating additives selected from the group consisting of graphite, water glass, nitrates of alkali metal, perchlorates of alkali metals, nitrates of alkaline earth metals and perchlorates of alkaline earth metals.

20-25 (canceled)

26. (new) A gas charge consisting of from 57-75 percent by weight potassium perchlorate and from 12 to 25 weight percent cellulose acetate and 23 weight percent aluminum oxide.

27. (new) A gas charge consisting of 20 percent by weight cellulose acetate, 57 percent by weight potassium perchlorate, and 23 percent aluminum oxide.

28. (new) The gas charge of claim 11, consisting of cellulose acetate, potassium perchlorate, terphthalic acid.

29. (new) The gas charge of claim 16, consisting of cellulose acetate, potassium perchlorate, aluminum oxide and terphthalic acid.

30. (new) The gas charge of claim 19, consisting of cellulose acetate, potassium perchlorate, aluminum oxide, graphite and terphthalic acid.

31. (new) The gas charge of claim 11, wherein said carbon monoxide is present as less than 0.0001 vol. % of the combustion vapor.

32. (new) The gas charge of claim 31, wherein the combustion vapor contains from 56-57 vol % carbon dioxide.

33. (new) The gas charge of claim 32, wherein the combustion vapor contains from 42-43 vol % water.

34. (new) A composition consisting of 25 wt% cellulose acetate and 75 wt% potassium perchlorate.

35. (new) A composition consisting of 20 wt% cellulose acetate, 57% potassium perchlorate, and 23% aluminum oxide.

36. (new) A gas charge, comprising

- a) 1 to 50% by weight of at least one binding agent;
- b) at least one oxidizing agent; and
- c) at least one nitrogen free organic fuel, wherein said gas charge is nitrogen free.

37. (new) The gas charge of claim 36, wherein combustion vapors from the gas charge are free of nitrogen oxide and are deficient in carbon monoxide

38. (new) A gas charge, comprising

- a) 1 to 50% by weight of at least one binding agent;
- b) at least one of an oxidizing agent and a nitrogen free organic fuel, wherein said gas charge is nitrogen free.

39. (new) The gas charge of claim 38, wherein combustion vapors from the gas charge are free of nitrogen oxide and are deficient in carbon monoxide
40. (new) A gas charge comprising 1 to 50% by weight of at least one binding agent and an oxidizing agent, wherein said gas charge is nitrogen free.
41. (new) The gas charge of claim 40, wherein combustion vapors from the gas charge are free of nitrogen oxide and are deficient in carbon monoxide.
42. (new) The gas charge of claim 39, wherein said carbon monoxide is present as less than 0.0001 vol. % of the combustion vapor.
43. (new) The gas charge of claim 40, wherein said carbon monoxide is present as less than 0.0001 vol. % of the combustion vapor.
44. (new) The gas charge of claim 41, wherein said carbon monoxide is present as less than 0.0001 vol. % of the combustion vapor.